FIG. 1

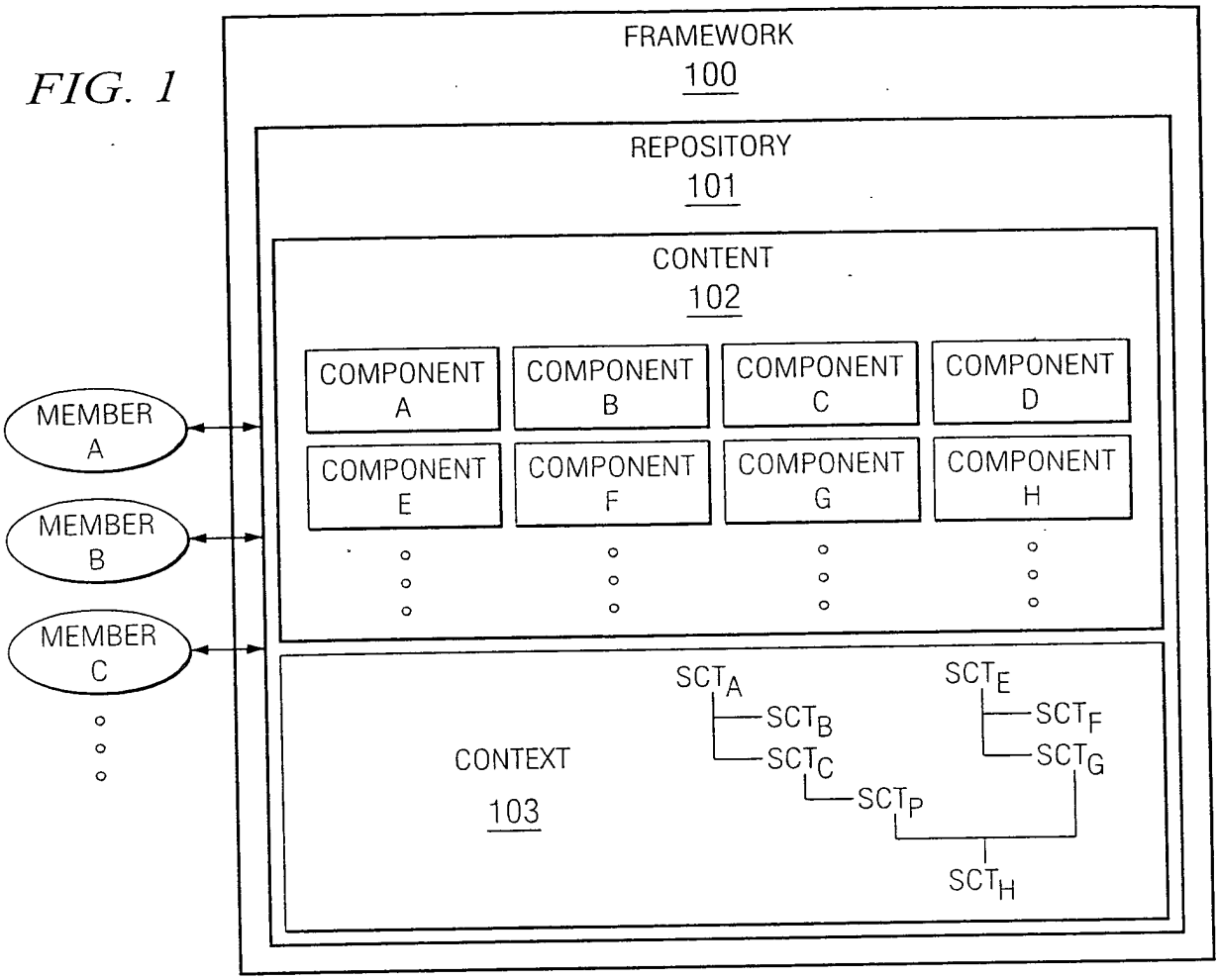

FRAMEWORK
100
REPOSITORY
101
CONTENT
102
COMPONENT A
COMPONENT B
COMPONENT C
COMPONENT D
COMPONENT E
COMPONENT F
COMPONENT G
COMPONENT H
MEMBER A
MEMBER B
MEMBER C
CONTEXT
103
SCT_A
SCT_B
SCT_C
SCT_P
SCT_E
SCT_F
SCT_G
SCT_H

FIG. 5

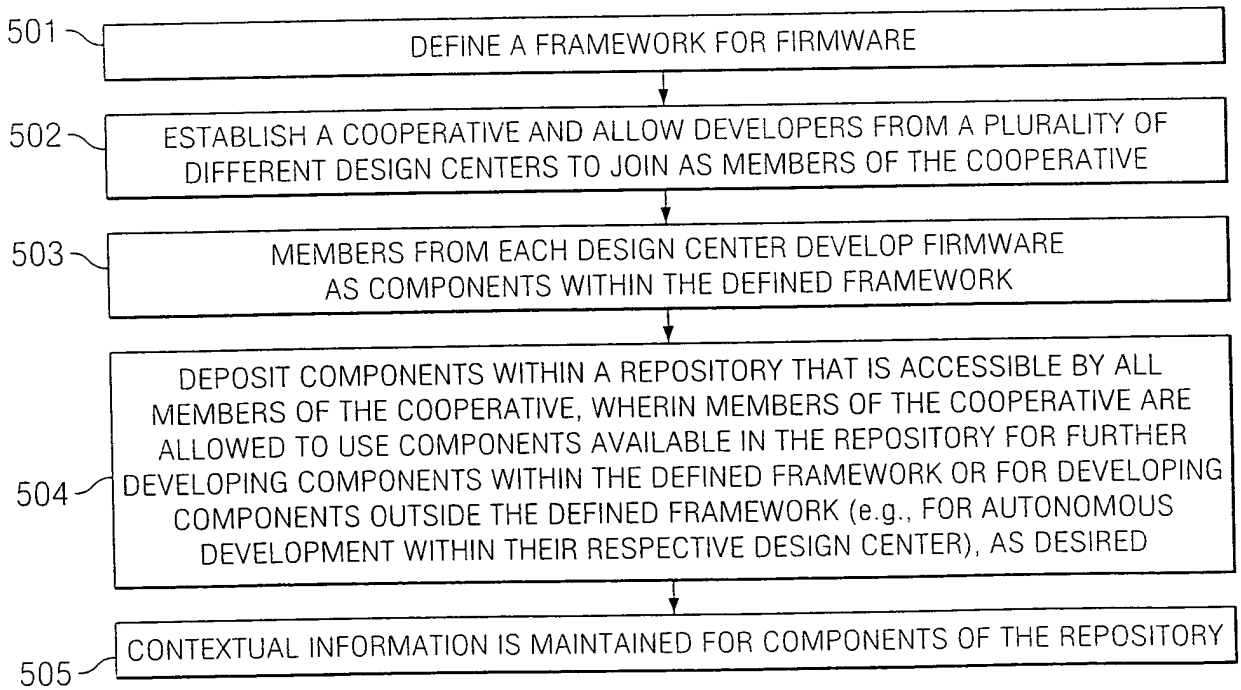

501
DEFINE A FRAMEWORK FOR FIRMWARE
502
ESTABLISH A COOPERATIVE AND ALLOW DEVELOPERS FROM A PLURALITY OF DIFFERENT DESIGN CENTERS TO JOIN AS MEMBERS OF THE COOPERATIVE
503
MEMBERS FROM EACH DESIGN CENTER DEVELOP FIRMWARE AS COMPONENTS WITHIN THE DEFINED FRAMEWORK
504
DEPOSIT COMPONENTS WITHIN A REPOSITORY THAT IS ACCESSIBLE BY ALL MEMBERS OF THE COOPERATIVE, WHERIN MEMBERS OF THE COOPERATIVE ARE ALLOWED TO USE COMPONENTS AVAILABLE IN THE REPOSITORY FOR FURTHER DEVELOPING COMPONENTS WITHIN THE DEFINED FRAMEWORK OR FOR DEVELOPING COMPONENTS OUTSIDE THE DEFINED FRAMEWORK (e.g., FOR AUTONOMOUS DEVELOPMENT WITHIN THEIR RESPECTIVE DESIGN CENTER), AS DESIRED
505
CONTEXTUAL INFORMATION IS MAINTAINED FOR COMPONENTS OF THE REPOSITORY

FIG. 2
(PRIOR ART)

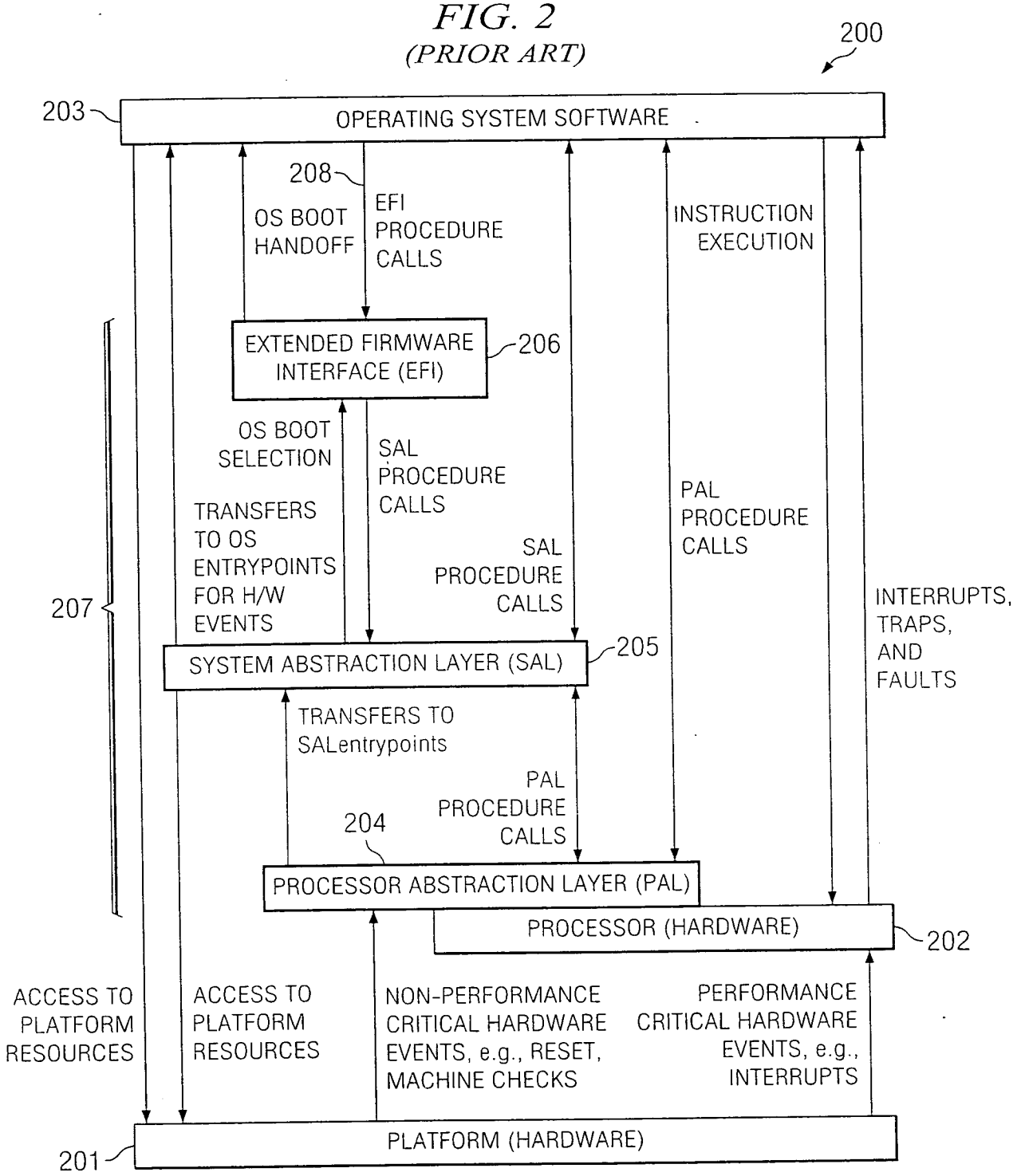
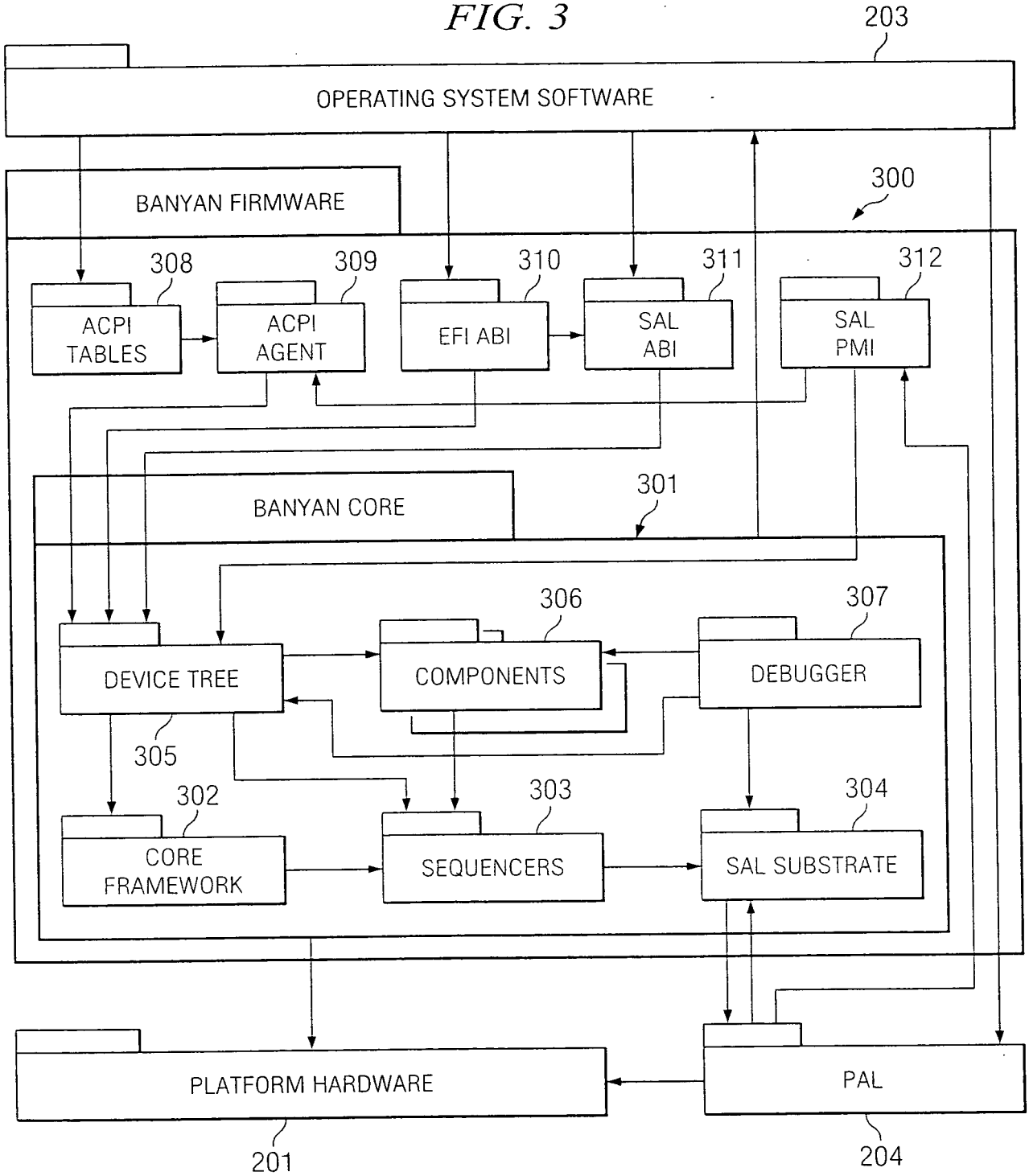


FIG. 3


203
OPERATING SYSTEM SOFTWARE
BANYAN FIRMWARE
300
308
309
310
311
312
ACPI TABLES
ACPI AGENT
EFI ABI
SAL ABI
SAL PMI
BANYAN CORE
301
306
307
DEVICE TREE
COMPONENTS
DEBUGGER
305
302
303
304
CORE FRAMEWORK
SEQUENCERS
SAL SUBSTRATE
PLATFORM HARDWARE
PAL
201
204

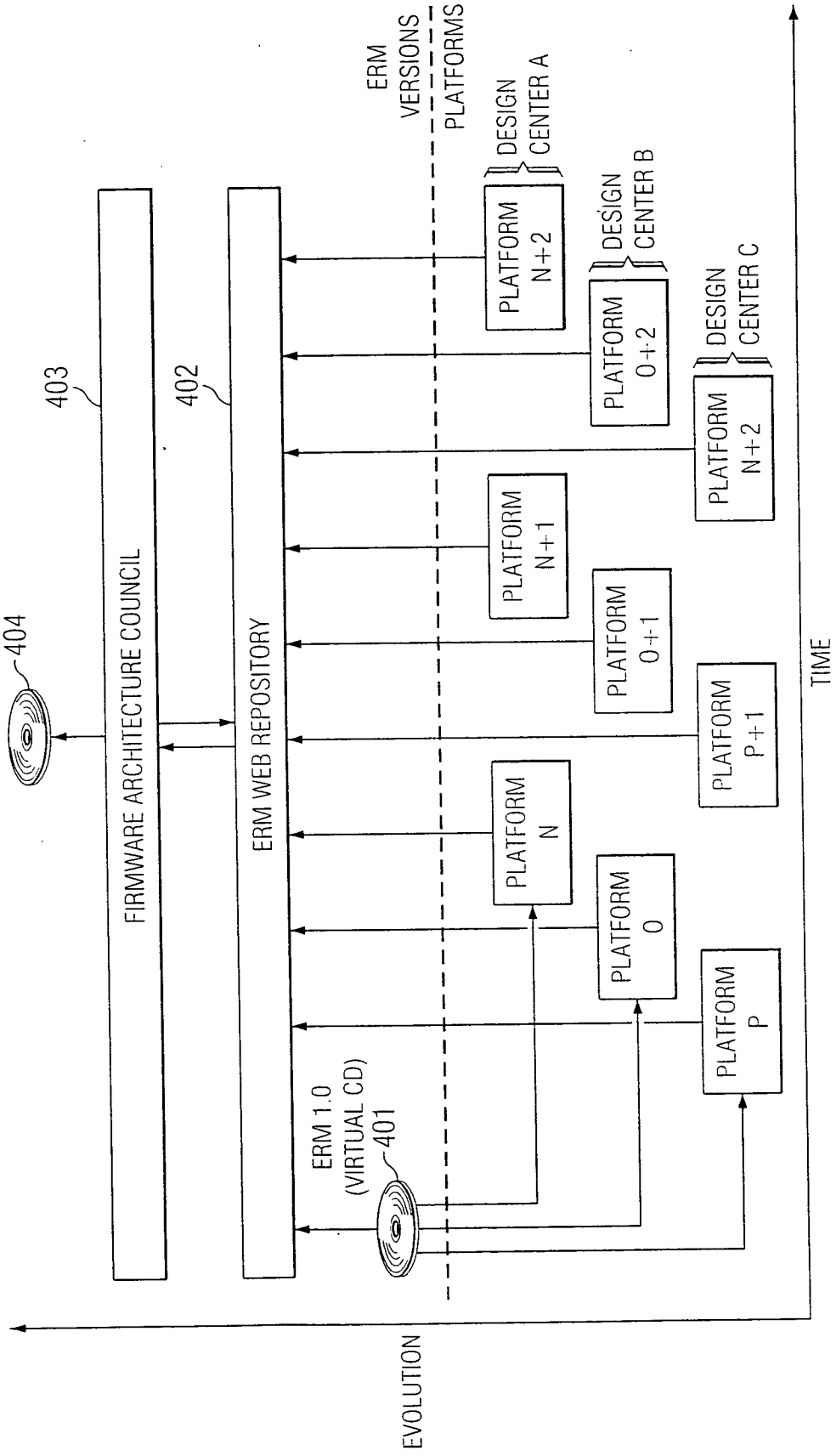

ERM 2.0
(VIRTUAL CD)
404
FIRMWARE ARCHITECTURE COUNCIL
403
ERM WEB REPOSITORY
402
ERM 1.0
(VIRTUAL CD)
401
ERM VERSIONS
PLATFORMS
DESIGN CENTER A
DESIGN CENTER B
DESIGN CENTER C
PLATFORM P
PLATFORM O
PLATFORM N
PLATFORM P+1
PLATFORM O+1
PLATFORM N+1
PLATFORM N+2
PLATFORM O+2
PLATFORM N+2
EVOLUTION
TIME

FIG. 4